

82-Catalog

 **CYCLEDYNE**[®]

Electro- magnetic

CYCLING DRIVE UNIT

Your production rates go up and your maintenance costs go down—when you use industry's standardized cyclic-control package drive unit.

*Here is a 2-minute story
that may save 2 hours a day
on many of your production
machines*

*Machine Tool Show
Philadelphia, Pa
May 1ST 1958
JSH*

Cycledyne gives you push-button or automatic control of all clutching and braking functions—in a convenient-to-use self-contained package.

CYCLEDYNE

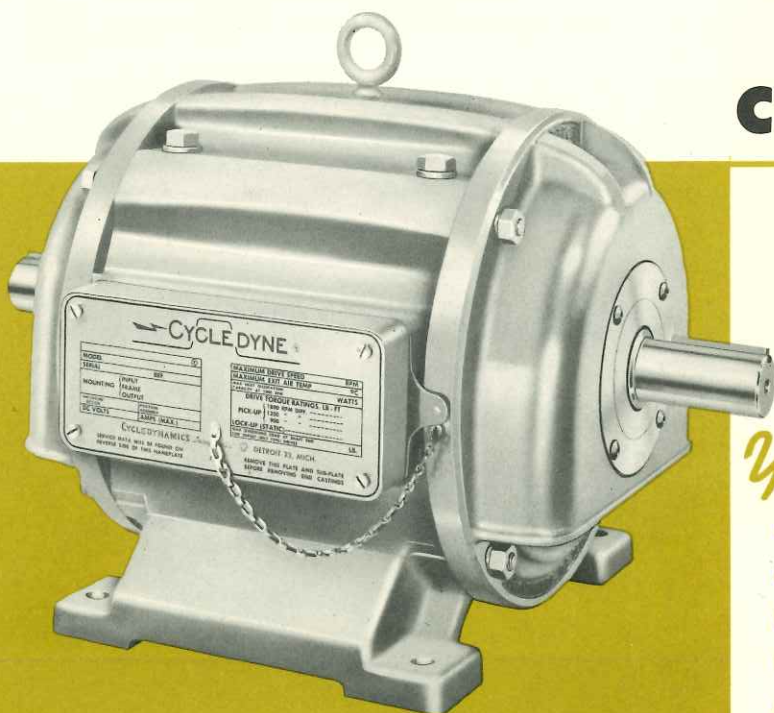
Electro-  *magnetic*

CYCLING DRIVE UNIT

This new fan-cooled drive component, installed between your standard motor and your driven machine, provides remotely controlled, electrically modulated clutching and braking for all cycling drives from 1/2 to 75 horsepower.

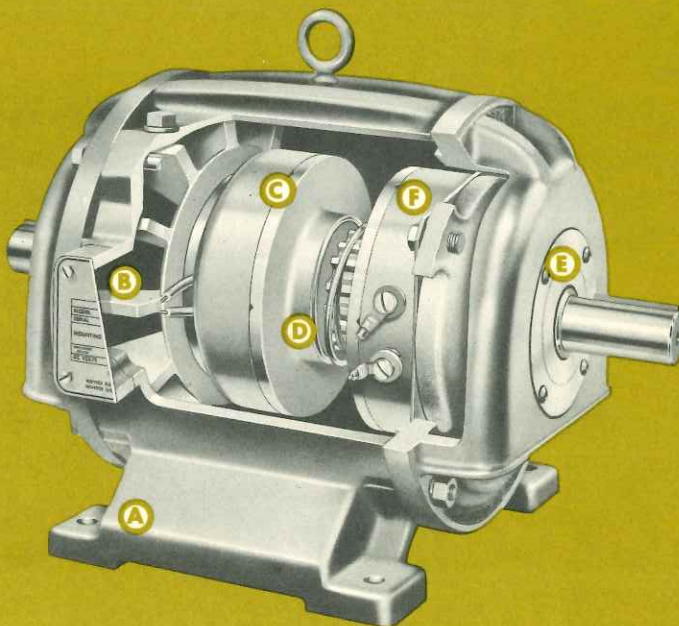
You get...

- SELECTIVE ACCELERATION RATE
- TORQUE-LIMITING PROTECTION
- SELECTIVE DECELERATION RATE
- ACCURATE POSITIONING TO LOCATION
- INTERIM HOLDING BETWEEN CYCLES
- SENSITIVE REMOTE-CONTROL INCHING



- A** NEMA-standard foot, face or flange mountings make it easy to put the Cycledyne between your motor and driven equipment.
- B** Continuously running fan harmlessly dissipates start and stop energy.
- C** Magnetic clutch smoothly locks in to provide no-slip drive.
- D** Automatic re-positioning on spline or drive pins compensates for gradual wear of friction faces.
- E** All bearings sealed against dirt and permanently lubricated.
- F** Fail-safe brake optional if required.

This standardized package unit can be interchangeably mounted and serviced without alignment or assembly problems.





CYCLE DYNE® *



This modern-as-tomorrow cycling drive unit is customized to your specific requirements by the assembly of standard interchangeable parts, providing maximum adaptability to the widest variety of drive arrangements. Some of the most popular types of Cyclodyne assemblies are illustrated.

Ask for application data and engineering specifications describing assemblies you need.

CYCLEDYNAMICS *Incorporated*

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